

INTERNATIONAL SEARCH REPORT

International Application No
PCT/RU 03/00170

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|-------------------------------------|----------|-----------|-----------|-----------|
| A. CLASSIFICATION OF SUBJECT MATTER | | | | |
| IPC 7 | C22B3/06 | B01D53/56 | C01B21/34 | C01B17/96 |

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C22B B01D C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| A | US 5 425 800 A (BUTER LARRY J ET AL) 20 June 1995 (1995-06-20) figure; column 9, lines 16-24; column 15, lines 42-63 | 1 |
| A | PASHKOV G L ET AL: "Effect of potential and ferric ions on lead sulfide dissolution in nitric acid" HYDROMETALLURGY, ELSEVIER SCIENTIFIC PUBLISHING CY. AMSTERDAM, NL, vol. 63, no. 2, February 2002 (2002-02), pages 171-179, XP004336037 ISSN: 0304-386X page 171 | 1 |
| A | US 3 793 429 A (QUENEAU P ET AL) 19 February 1974 (1974-02-19) figure 1; column 5, lines 53-64 | 1 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

3 February 2004

Date of mailing of the international search report.

12.02.04

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| X | US 6 264 909 B1 (DRINKARD JR WILLIAM F) 24 July 2001 (2001-07-24) claim 1; column 5, lines 25-46 | 2,5 |
| X | US 4 626 417 A (YOUNG DONALD C) 2 December 1986 (1986-12-02) claims 1,2,24 and 25; column 1, lines 33-42 | 3 |
| X | WO 01 87464 A (GOLDEN CLAIRE ; ALIX FRANCIS (US); POWERSPAN CORP (US); MCLARNON CH) 22 November 2001 (2001-11-22) claims 1 and 4 | 3 |
| X | US 5 158 582 A (WATANABE TAKANOBU ET AL) 27 October 1992 (1992-10-27) abstract; claims 1 and 2 | 4 |

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Information on patent family members

International Application No

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| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
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